

Set	Items	Description
S1	98429	COSMETIC? OR MAKEUP OR MAKE()UP OR ROUGE OR LIPSTICK? OR L-IP()STICK? OR LIPBALM? OR LIP()BALM?
S2	2673242	RECEPTACL? OR CONTAINER? OR TUBE? OR HOUSING? OR ASSEMB?
S3	6982730	DEVICE? OR APPARATUS? OR CASE? OR CASING?
S4	2062707	UPPER? OR TOP OR TOPMOST? OR TOPWARD?
S5	2579170	LOWER? OR BOTTOM? OR BOTTOMMOST? OR BOTTOMWARD? OR NETHER?
S6	1487391	ANNULAR? OR ANNULAT? OR CIRCUMFEREN? OR PERIPHER? OR CIRCI-NAT? OR CIRCULAR? OR PERIMETER?
S7	1775710	RING? OR MARGIN? OR FRING? OR BOUNDAR? OR EDGE? OR RIM OR -RIMS OR RIMMED
S8	2392232	EXTERNAL? OR EXTERIOR? OR OUTWARD? OR OUTER? OR OUTSIDE? OR EXTRANEIOUS? OR EXTRINSIC?
S9	638430	RIB OR RIBS OR KNURL? OR RIDGE? OR PROTRUBER? OR PROJECTIO-N? OR PROTRUSION?
S10	186128	SWELL? OR FLUTE? OR HUMP? OR BUMP? OR BULGE? OR JUTTING? OR PAWL? OR DETENT?
S11	1676150	WALL? OR BARRIER? OR SEPARATOR? OR SEPARATER? OR DIVIDER? -OR SEPTUM? OR DIVISION? OR PARTITION?
S12	1335209	RESILIEN? OR ELASTIC? OR TRACTIL? OR DEFORM? OR FLEXIBL? OR FLEXUR? OR FLEXIL? OR DUCTIL? OR TENSIL? OR PLIANT? OR PLIAB-L? OR MALLEABL?
S13	153043	AIRTIGHT? OR AIR()TIGHT? OR HERMETIC? OR IMPERMEABL? OR LE-AKPROOF? OR LEAK()PROOF?
S14	404020	WAVY OR WAVELIKE? OR WAVE()LIKE? OR SINUSOID? OR CURV? OR -RIPPL? OR UNDULAT? OR PERISTALT? OR CRINKL?
S15	799672	ENDLESS? OR END()LESS? OR PERPETUAL? OR CONTINUOUS? OR INT-ERMINABL? OR INFINIT? OR NEVEREND? OR NEVER()ENDING
S16	2101540	CAP OR CAPS OR LID OR LIDS OR TOP OR TOPS OR COVER? OR SCR-EWTOP? OR CLOSURE?
S17	1670170	STOPPER? OR BRAKE? OR BRAKING? OR BLOCK? OR JAMB? OR CHOCK? OR CHECK? OR IMPEDIMENT? OR HINDRANC? OR DETERREN?
S18	5878	(EXCESSIV? OR UNDUE? OR IMMODERAT?) (2N) (INSERT? OR FORCE? -OR PUSH?)
S19	398613	IC=(A45D? OR B29C? OR B29F?)
S20	7102	S1(3N)S2:S3
S21	3687	S20 AND S19
S22	7102	S20:S21
S23	1020	S22 AND S9:S10
S24	408	S23 AND S9:S10(5N)S4:S8
S25	11	S23 AND S9:S10(5N)S14
S26	230	S23 AND S9:S10(5N)S15:S17
S27	527	S24 OR S26
S28	15	S27 AND S11(5N)S12:S13
S29	210	S27 AND S2:S3(5N)S16
S30	3	S27 AND S15(5N)S6:S7
S31	2	S23 AND S18
S32	230	S26 AND (S27 OR S30)
S33	187	S32 AND S19
S34	4	S33 AND S4:S8 AND S11:S13 AND S14 AND S15:S17
S35	28	S25 OR S28 OR S30:S31 OR S34
S36	28	IDPAT (sorted in duplicate/non-duplicate order)

? show files

File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200449

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*PAT Lit*  
*BIBLIOG.*  
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*HITS*  


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36/3,K/3 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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*THIS APPLICATION*

014553088 \*\*Image available\*\*  
WPI Acc No: 2002-373791/200241  
XRPX Acc No: N02-292170

Lipstick container has inner cap with lower swell that restricts removal of cap assembly and upper swell that restricts excessive insertion of housing assembly in cap assembly

Patent Assignee: HIDAN KK (HIDA-N)  
Inventor: FUJITA H; HIROTOMI K; ITO K; YAMAZAKI H  
Number of Countries: 029 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1197162	A2	20020417	EP 2001307930	A	20010918	200241 B
US 20020043270	A1	20020418	US 2001966443	A	20010926	200241
CN 1347674	A	20020508	CN 2001141188	A	20011012	200253
JP 2002186520	A	20020702	JP 2001172545	A	20010607	200258

Priority Applications (No Type Date): JP 2001172545 A 20010607; JP 2000312607 A 20001012

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1197162	A2	E 27	A45D-040/06	
Designated States (Regional): AL AT .BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				
US 20020043270	A1		A45D-040/24	
CN 1347674	A		A45D-040/00	
JP 2002186520	A	15	A45D-040/00	

Lipstick container has inner cap with lower swell that restricts removal of cap assembly and upper swell that restricts excessive insertion of housing assembly in cap assembly

Abstract (Basic):

... A lower swell (17) includes multiple spaced segments that prevent removal of a cap assembly (11). An upper swell (16) includes an endless continuous ring that prevents excessive insertion of a housing assembly (1,3,4,7,9) in the cap assembly.

... The cap assembly includes an inner cap (12) engaging an external annular projection (8). The inner cap has a wall portion (15) between upper and lower external swells (16,17). The wall portion of the inner cap deforms plastically and airtightly engages the annular projection when the cap assembly is mounted on a housing assembly (1,3,4,7,9...

...Improves airtightness of the container in the capped condition and allows easy capping of the lipstick container . Prevents removal of the cap from the housing assembly...

...The figure is a vertical cross-section of a lipstick container .

...

... External annular projection (8...

... Upper and lower external swells (16,17

...Title Terms: SWELLING ;

International Patent Class (Main): A45D-040/00 ....

... A45D-040/06 ...

... A45D-040/24

36/3,K/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013953132 \*\*Image available\*\*  
WPI Acc No: 2001-437346/200147  
XRPX Acc No: N01-324334

Compact cosmetics container has elastic noise reduction board  
accommodated fully in peripheral wall of a push button below a hook  
extended perpendicularly from cover and press-fitted projection  
ridge of container rear wall

Patent Assignee: YOSHINO KOGYOSHO KK (YOSK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001151256	A	20010605	JP 99338978	A	19991130	200147 B

Priority Applications (No Type Date): JP 99338978 A 19991130

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001151256	A	4	B65D-045/18	

Compact cosmetics container has elastic noise reduction board  
accommodated fully in peripheral wall of a push button below a hook  
extended perpendicularly from cover and press-fitted projection  
ridge of container rear wall

Abstract (Basic):

... A hook (35) extended perpendicularly from the cover of  
container, is press-fitted in **projection ridge** (24) formed at  
container rear wall . An **elastic** noise-reduction board (27) is fully  
accommodated in a peripheral wall (23) of a push...

...of hook is absorbed, by noise reduction board when hook is detached from  
a projecting **ridge** (24).

... Compact cosmetics container .

...

... **Projection ridge** (24

...Title Terms: **RIDGE** ;

International Patent Class (Additional): A45D-033/00

36/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012946598 \*\*Image available\*\*

WPI Acc No: 2000-118448/200011

XRPX Acc No: N00-089763

Cosmetic container, e.g. for lipstick

Patent Assignee: HIDAN CO (HIDA-N); HIDAN KK (HIDA-N)

Inventor: ABE Y; ITO K; KOBAYASI T; KOYAMA M; KOBAYASHI T

Number of Countries: 028 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 976344	A2	20000202	EP 99111891	A	19990621	200011 B
JP 2000004932	A	20000111	JP 98193608	A	19980625	200013
CN 1240622	A	20000112	CN 99108590	A	19990625	200022
US 6070725 /	A	20000606	US 99314345	A	19990519	200033
JP 3153992	B2	20010409	JP 98193608	A	19980625	200122
EP 976344	B1	20031001	EP 99111891	A	19990621	200365
DE 69911696	E	20031106	DE 611696	A	19990621	200381
			EP 99111891	A	19990621	

Priority Applications (No Type Date): JP 98193608 A 19980625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 976344	A2	E	9	A45D-040/00	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI					
JP 2000004932	A		7	A45D-034/00	
CN 1240622	A			A45D-040/04	
US 6070725	A			B65D-085/72	
JP 3153992	B2		5	A45D-034/00	Previous Publ. patent JP 2000004932
EP 976344	B1	E		A45D-040/00	
Designated States (Regional): DE FR GB IT					
DE 69911696	E			A45D-040/00	Based on patent EP 976344
Cosmetic container, e.g. for lipstick					

Abstract (Basic):

... The **cosmetic container** (10) includes a housing assembly (1,3,7) with an annular **projection** (8) and a cap assembly (11,12) with an inner cap member (12) engageable with the annular **projection**. The inner cap member has a thin wall portion (15) defined between a pair of upper and lower annular external **swells** (16,17), which is deformed to provide airtight engagement with the annular **projection** in a capped condition.

... The lower **swell** (16) acts as a first stopper against removal of the cap assembly from the housing assembly, whereas the upper **swell** (17) acts as a second stopper against **excessive insertion** of the housing assembly into the cap assembly (11...

...The figure shows an enlarged view of part of a **lipstick container**.

...Annular **projection** (8...

... **Cosmetic container** (10...

...External **swells** (16,17

International Patent Class (Main): A45D-034/00 ...

... A45D-040/00 ...

... A45D-040/04

36/3,K/11 (Item 11 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012065793 \*\*Image available\*\*  
WPI Acc No: 1998-482704/199842  
XRPX Acc No: N98-376577

Mechanical container for bar shaped cosmetic products - where  
container body has in lower zone, curved section external  
peripheral projection which co-operates with internal projection at  
open end of closing cap

Patent Assignee: TECHPACK ESPAN SL (TECH-N)  
Inventor: MONIN-BAREIL R  
Number of Countries: 024 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 865743	A2	19980923	EP 98500016	A	19980126	199842 B

Priority Applications (No Type Date): ES 97U2752 U 19971027; ES 97U258 U  
19970203

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 865743	A2	E	6	A45D-040/06	

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI  
LT LU LV MC MK NL PT RO SE SI

Mechanical container for bar shaped cosmetic products...

...where container body has in lower zone, curved section external  
peripheral projection which co-operates with internal projection at  
open end of closing cap

...Abstract (Basic): The container is characterised in that the external  
body provided with the helicoidal grooves (3) has an external lower  
zone fitted with a projection (11) that has a curved section which  
extends around the periphery of the body to act as an attachment for  
holding the closing cap (6) in the container's closed position. The  
container is further characterised in that the closing cap has an  
increased thickness (10) around the inner side of its open end edge  
substantially reinforcing the edge of the cap. The increased  
thickness has a curved section and constitutes an inner annular  
reinforcement leaning directly over the external wall of the  
tubular body, which body is fitted with helicoidal depressions forming  
a small gap or chamber between the body and the cap.

...ADVANTAGE - Provides for an effective means of attachment between the  
container and the closing cap which allows for easy and smooth  
separation of the two parts when so desired

...Title Terms: LOWER ;

International Patent Class (Main): A45D-040/06

36/3,K/15 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011197156 \*\*Image available\*\*  
WPI Acc No: 1997-175081/199716  
XRPX Acc No: N97-144691

Plastic case for decorative make - up goods with single touch  
opening/closing arrangement - forms hermetically covered sealing  
arrangement by providing mutually contacting ribs and valley parts in  
cover and container body surfaces

Patent Assignee: NAITO KOGYO KK (NAIT-N)  
Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9039995	A	19970210	JP 95209111	A	19950725	199716 B
JP 3517801	B2	20040412	JP 95209111	A	19950725	200425

Priority Applications (No Type Date): JP 95209111 A 19950725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9039995	A		5	B65D-043/22	
JP 3517801	B2		4	B65D-043/22	Previous Publ. patent JP 9039995

Plastic case for decorative make - up goods with single touch  
opening/closing arrangement...

...forms hermetically covered sealing arrangement by providing mutually  
contacting ribs and valley parts in cover and container body surfaces

...Abstract (Basic): The case comprises a container body (11) provided with  
a cover (12). Along with one side edge (14) of the container body,  
a hinged arrangement for opening and closing arrangement is provided in  
the cover. A first stopper piece (15) is formed facing downwards to  
the side edge of the cover. Wave shaped angular ribs (16) and  
valley parts (17) are formed to the inner wall surface of the cover  
. A corresponding valley part and rib parts are formed to the outer  
wall of the container body to provide a hermetically curved  
sealing arrangement by press- fitting each other mutually...

...In addition to the above, a taper side protrusion part (18) projecting  
downwards from the first stopper piece is formed from the inner wall  
of the cover surface. A groove part (21) is formed to side edge  
part of container body corresponding to the taper state protrusion .  
Second stopper pieces (22) at the bottom and grooves (28) together  
with a pressure part (29) are formed to the outer wall of the  
container. By pushing the cover to the upper side, the opening is  
ensured...

...Title Terms: HERMETIC ;

International Patent Class (Additional): A45D-033/00



36/3,K/16 (Item 16 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

010819405 \*\*Image available\*\*  
WPI Acc No: 1996-316358/199632  
XRPX Acc No: N96-266413

Compact container for cosmetics - has main body with traverse U shaped half part and cover with concave parts connecting protrusions in clamping belts allowing reciprocation

Patent Assignee: YOSHINO KOGYOSHO KK (YOSK )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8140729	A	19960604	JP 94312765	A	19941122	199632 B
JP 3519148	B2	20040412	JP 94312765	A	19941122	200425

Priority Applications (No Type Date): JP 94312765 A 19941122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8140729	A	6	A45D-033/00	
JP 3519148	B2	6	A45D-033/00	Previous Publ. patent JP 8140729

Compact container for cosmetics - ...

...has main body with traverse U shaped half part and cover with concave parts connecting protrusions in clamping belts allowing reciprocation

...Abstract (Basic): which a frame (4) is press-fitted. This is done by depressing onto a O ring (23) located in the bottom groove (17). A make up material holding plate (5) is press-fitted to the inner wall surfaces of the frame with a side wall (30). A cover (3) is fixed to cover the container from the top. A packing (6) is fixed on the inner surface of the top wall (19) to maintain an air tight closing by pressing the upper flange (33) on the holding plate. A U shaped clamping belt (7) nips the upper and lower peripheral edge surface of the main body, with the upper and lower flanges (34,35) of the protrusions (39) at the leg ends...

...A concave part matching with the protrusions are formed on the sides opposite to the traversing U shaped part of the main body. Another protrusion formed at the central curved base part in the U shaped clamping belt fixes the cover peripheral wall (18) formed at a concave part with the upper flange (34). This is done, while holding the lower peripheral surface of the main body with the lower flange (35). The cover has notches to pierce through the protrusion of the clamping belt where it clamps the opposite sides of the main body...

...reciprocation of predetermined width of container body with clamping belt. Enables opening and closing of cover by drawing out clamping belt by virtue of notch parts. Provides air tight container structure. Prevents outflow of cosmetics...

...Title Terms: COVER ;

International Patent Class (Main): A45D-033/00

36/3,K/17 (Item 17 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010774488 \*\*Image available\*\*  
WPI Acc No: 1996-271441/199628  
XRPX Acc No: N96-228150

Lipstick **cylindrical-shape** container - projects wave-shape rib to  
whole inner peripheral surface of cylinder-shape container

Patent Assignee: KOSE KK (KOSE-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8112140	A	19960507	JP 94275688	A	19941014	199628 B

Priority Applications (No Type Date): JP 94275688 A 19941014

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8112140	A	5	A45D-040/00	

Lipstick **cylindrical-shape** container - ...

...projects wave-shape rib to whole inner peripheral surface of  
cylinder-shape container

...Abstract (Basic): The container holds firmly a cylinder-shape lipstick.

A rib is formed to the whole inner **peripheral** wall of the  
container. The rib which assumes a waveform is provided **continuously**  
to the inner **peripheral** wall of the container...

...Title Terms: RIB ;

International Patent Class (Main): A45D-040/00

36/3,K/18 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010636520 \*\*Image available\*\*  
WPI Acc No: 1996-133473/199614  
XRPX Acc No: N96-112282

**Rod shaped container for make - up goods - has engagement part of outer cylinder which is movably engaged with holding part of decorative cylinder**

Patent Assignee: HIDAN CO (HIDA-N); HIDAN KK (HIDA-N)

Inventor: ITO K; MATAYOSHI H

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8024042	A	19960130	JP 94187766	A	19940718	199614 B
US 5597252	A	19970128	US 95503122	A	19950717	199710
CN 1129091	A	19960821	CN 95115049	A	19950718	199751
KR 238848	B1	20000115	KR 9520886	A	19950715	200116

Priority Applications (No Type Date): JP 94187766 A 19940718

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8024042	A	7	A45D-040/06	
US 5597252	A	14	A45D-040/06	
CN 1129091	A		A45D-040/00	
KR 238848	B1		A45D-040/10	

**Rod shaped container for make - up goods...**

...Abstract (Basic): which has a sliding hole (15) running longitudinally. The main body is engaged with an **outer** cylinder body (1) with its **protrusion** (17) engaged in a spiral groove (13) made on the interface of the outer cylinder...

...Abstract (Equivalent): A **cosmetic container** comprising: a main body provided at a lower portion thereof with slot means extending in a longitudinal direction; an outer body provided with a **continuous** spiral groove on an inner **peripheral** surface thereof, said outer body surrounding said main body substantially in close relation to each...

...each other but allowing relative longitudinal sliding movement therebetween, said cosmetic holder being provided with **projection** means projecting **outwardly** therefrom through said slot means to be in engagement with said continuous spiral groove so...

International Patent Class (Main): **A45D-040/00** ...

... **A45D-040/06** ...

... **A45D-040/10**

International Patent Class (Additional): **A45D-040/02** ...

... **A45D-040/04** ...

... **A45D-040/12**

36/3,K/23 (Item 23 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

004199593

WPI Acc No: 1985-026473/198505

XRPX Acc No: N85-019413

Small cup for holding lipstick block in sleeve - has deformable  
projection allowing cup to squeeze into sleeve to clamp lipstick block  
Patent Assignee: L'OREAL SA (OREA )

Inventor: BOUIX H

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3425591	A	19850124	DE 3425591	A	19840711	198505 B
GB 2143212	A	19850206	GB 8416752	A	19840702	198506
FR 2548880	A	19850118				198509
GB 2143212	B	19870708				198727
IT 1179013	B	19870916				199036
DE 3425591	C	19901220				199051

Priority Applications (No Type Date): FR 8311531 A 19830711

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3425591	A		18		

... has deformable projection allowing cup to squeeze into sleeve to  
clamp lipstick block

...Abstract (Basic): The small cup, used to hold lipstick blocks in their  
casing , has a cylindrical or prismatic shape and is designed to glide  
in the lipstick sleeve...

...Abstract (Equivalent): wall thickness, are bent outwards and are bent  
inwards underneath the edge area. These side wall parts are pressed  
resiliently by the tubular shaped part (9) of the sleeve (8) into the  
lipstick mass...

...The side wall parts have in the lower area reinforcement ribs (29)  
which extend from the bottom into the slit area. The ribs are pref.  
each evenly spaced from the slits...

International Patent Class (Additional): A45D-040/06

36/3,K/27 (Item 27 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

06722679 \*\*Image available\*\*  
COSMETIC CONTAINER

PUB. NO.: 2000-308517 [JP 2000308517 A]  
PUBLISHED: November 07, 2000 (20001107)  
INVENTOR(s): YUZUHARA YUKITOMO  
KOBAYASHI NORIHIRO  
APPLICANT(s): YOSHIDA INDUSTRY CO LTD  
APPL. NO.: 11-122888 [JP 99122888]  
FILED: April 28, 1999 (19990428)

COSMETIC CONTAINER

INTL CLASS: A45D-033/00

ABSTRACT

... TO BE SOLVED: To enhance the braking strength of a flexible piece by adding a **deforming** function to a **wall** surface where the **flexible** piece having repulsive force is formed so as to distribute stress when this flexible piece...

...deformed at the time of attaching/detaching, etc., a cosmetic tray.

SOLUTION: The first engaging **projection** 28 which can be engaged with the engaging groove 24a of a cosmetic tray 24 is formed on the first inner surface 20a of a **cosmetic** tray housing part 20. Plural **pawls** 30 respectively forming a vertical slit 30a extended in a vertical direction on both sides and respectively making its lower end a free end, and the second engaging **projections** 32 which can be engaged with the groove 24a are formed on the inner surface of their lower end part. The second inner surface 20b between the **pawls** 30 is made a **flexible** holding wall 34 with a spring force larger than that of the **pawl** 30 by making its lower end a free end, and a projecting part 36 is formed on the inner surface of this by a projecting quantity smaller than that of the **projections** 32. A horizontal slit 38 is formed at the upper end part of the surface 20b over the whole width of the forming area of the wall 34 and the **pawls** 30.

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36/3,K/28 (Item 28 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06255352 \*\*Image available\*\*  
ROD TYPE COSMETIC DELIVERY VESSEL

PUB. NO.: 11-196931 [JP 11196931 A]  
PUBLISHED: July 27, 1999 (19990727)  
INVENTOR(s): MIZUGAKI TOORU  
APPLICANT(s): KATSUSHIKA KK  
APPL. NO.: 10-021428 [JP 9821428]  
FILED: January 19, 1998 (19980119)

INTL CLASS: A45D-040/00 ; A45D-040/06

#### ABSTRACT

... of fitting and flexibility to other vessels, regarding the cap of a delivery vessel for **housing** rod type **cosmetics** such as a lipstick containing a volatile component.

SOLUTION: This vessel has a sleeve 6 for internally fitting and holding rod type **cosmetics** 1, and internally **housing** a holding cylinder 2 having a suspended leg cylinder 3 with a screw **projection** 4 on a **lower** end **outer** wall, so as to be freely slidable vertically. The screwed **projection** 4 passes through the **lower** part of the sleeve 6 and a guide groove 7 is formed on the lower...

... spiral cylinder 9 having the lower part of the sleeve 6 rotatably inserted with the **projection** 4 screwed to an inner wall and an open spiral groove 10 at the lower...

... the lower part of the intermediate cylinder, and a cap 21. In addition, a thin-wall part formed to be **flexible** and internally fixed to the cap 21 is provided and the inner side of the thin-wall part is provided with a plurality of the **projections** 4 for fitting with the fitting recess of the intermediate cylinder. In this case, the inner diameter of the **upper** part of the fitting **projections** 4 is made equal to or slightly less than the outer diameter of the intermediate...